

**Patient Care Encounter (PCE) V. 1.0 Technical Manual  
Patch PX\*1.0\*115 Changes**

These changes (marked in red) are to the PCE V. 1.0 Technical Manual, Callable Routines Section and to Appendix A - Developer Guide - PCE Device Interface Module.

Upon release of the patch to the field, these changes will be incorporated into the on-line copy of the PCE V. 1.0 Technical Manual found in the **VISTA** documentation library at the following address.

**<http://vista.med.va.gov/vdl/#App82>**

## Callable Routines Section

| SUBSCRIPT                 | DESCRIPTION   | REQ/<br>PCE | REQ/<br>PL | DATA FORMAT   |
|---------------------------|---|-------------|------------|---|
| "DX/PL",i,"PL SC")        | This problem is related to a service connected condition.   | N/A         | O          | [ 1   0   null ]                                      |
| "DX/PL",i,"PL AO")        | This problem is related to Agent Orange exposure.   | N/A         | O          | [ 1   0   null ]                                      |
| "DX/PL",i,"PL IR")        | This problem is related to Ionizing Radiation exposure.   | N/A         | O          | [ 1   0   null ]                                      |
| "DX/PL",i,"PL EC")        | This problem is related to Environmental Contaminant exposure.  | N/A         | O          | [ 1   0   null ]                                      |
| "DX/PL",i,"PL MST")       | This problem is related to Military Sexual Trauma.  | N/A         | O          | [ 1   0   null ]                                      |
| "DX/PL",i,"PL HNC")       | This problem is related to Head and/or Neck Cancer.   | N/A         | O          | [ 1   0   null ]                                      |
| "DX/PL",i,"NARRATIVE")    | The provider's description of the diagnosis/problem. *If NARRATIVE is not passed for a diagnosis/problem, the Description from the ICD Diagnosis file (80) will be used as the default. | *O          | *O         | Free text (2-245 characters)                          |
| "DX/PL",i,"CATEGORY")     | A term that denotes a grouping or category for a set of related diagnosis/problem.  | O           | N/A        | Free text (2-245 characters)                          |
| "DX/PL",i,"ENC PROVIDER") | Provider who documented the diagnosis/problem.  | O           | R/<br>Add  | Pointer to New Person file (200)                      |
| "DX/PL",i,"EVENT D/T")    | Date/Time Diagnosis was documented.   | O           | N/A        | FileManager Internal Format for date/time             |
| "DX/PL",i,"COMMENT")      | Comment   | O           | O          | DX Free Text (1-245 char)<br>PL Free Text (3-60 char) |
| "DX/PL",i,"DELETE")       | This is a delete flag used to denote deletion of the diagnosis entry.   | O           | N/A        | [ 1   null ]  |

## Appendix A - Developer Guide - PCE Device Interface Module

### Encounter data

LOCAL("ENCOUNTER") = 1^2^3^4^5^6^7^8^9^10^11^12^13^14^15^16^17,  
where:

| Position | Description   | Req for<br>PCE &<br>SD | Format                           |
|----------|---|------------------------|----------------------------------|
| 1        | Appointment Date/Time   | P, S                   | internal FM format               |
| 2        | Patient DFN   | P, S                   | IHS PATIENT file (#9000001)      |
| 3        | Hospital Location IEN<br>Each hospital location is a<br>separate encounter                    | P, S                   | HOSPITAL LOCATION file (#44)     |
| 4        | Provider IEN<br>This is the person that saw<br>the Patient at the<br>scheduled date and time. | P                      | NEW PERSON file (#200)           |
| 5        | Visit CPT code IEN  |                        | TYPE OF VISIT (#357.69)          |
| 6        | SC Condition  |                        | [1   0   null]                   |
| 7        | AO Condition  |                        | [1   0   null]                   |
| 8        | IR Condition  |                        | [1   0   null]                   |
| 9        | EC Condition  |                        | [1   0   null]                   |
| 10       | MST Condition   |                        | [1   0   null]                   |
| 13       | Eligibility Code IEN  |                        | ELIGIBILITY CODE file (#8)       |
| 14       | Check-out date and time   |                        | internal FM format               |
| 15       | Provider indicator (relates<br>to 4)  | P                      | P ::= Primary<br>S ::= Secondary |
| 16       | Attending Physician IEN<br>(May or may not be the<br>same as 4)                               |                        | NEW PERSON file (#200)           |
| 17       | HNC Condition   |                        | [1   0   null]                   |

\* P for required by PCE, S for required by Scheduling; if blank then it is optional.

All of the remaining entries in the LOCAL( array are specific to a particular Provider associated with the data on that node. If the provider is unknown, (for example, the identity of the nurse who took the vitals isn't recorded on a scanned encounter form), the provider subscript <PROVIDER IEN> may be set to zero.

## Diagnosis and/or Problems, specific to one provider

We recommend that you use these nodes instead of the separate Diagnosis and Problem nodes.

If no Diagnosis and/or Problems, 'SD(LOCAL("DIAGNOSIS/PROBLEM")) is true. LOCAL("DIAGNOSIS/PROBLEM",<PROVIDER IEN>, i) = 1^2^3^4,...**16** where:

| Position  | Description   | Req. for DX: PCE & SD | Req. for PL  | Format                           |
|-----------|---|-----------------------|--------------|----------------------------------|
| 1         | Diagnosis Code IEN                                    | P, S                  |              | ICD9 DIAGNOSIS file (#80)        |
| 2         | Diagnosis Specification Code                          | P                     | N/A          | P ::= Primary<br>S ::= Secondary |
| 3         | Clinical Lexicon Term IEN                             |                       |              | EXPRESSIONS file (#757.01)       |
| 4         | Problem IEN   |                       | for existing | PROBLEM LIST file (#9000011)     |
| 5         | Add to Problem List                                   | N/A                   | for new      | [1   0   null]                   |
| 6         | Problem Active?<br>Default is Active if not specified | N/A                   |              | A ::= Active<br>I ::= Inactive   |
| 7         | Problem Onset Date                                    | N/A                   |              | internal FM format               |
| 8         | Problem Resolved Date                                 | N/A                   |              | internal FM format               |
| 9         | SC Condition  |                       |              | [1   0   null]                   |
| 10        | AO Condition  |                       |              | [1   0   null]                   |
| 11        | IR Condition  |                       |              | [1   0   null]                   |
| 12        | EC Condition  |                       |              | [1   0   null]                   |
| 13        | Provider's Narrative                                  | P                     | for new      | free text, 2-80 Characters       |
| 14        | Category Header for Provider's Narrative              |                       | N/A          | free text, 2-80 Characters       |
| <b>15</b> | <b>MST Condition</b>                                  |                       |              | <b>[1   0   null]</b>            |
| <b>16</b> | <b>HNC Condition</b>                                  |                       |              | <b>[1   0   null]</b>            |

LOCAL("DIAGNOSIS/PROBLEM",<PROVIDER IEN>, i,"NOTE") = 1, where:

| Position | Description                | Req. for DX: PCE & SD | Req. for PL | Format                     |
|----------|----------------------------|-----------------------|-------------|----------------------------|
| 1        | Provider's Note or Comment | N/A                   |             | free text, 3-60 Characters |

NOTE: If the NOTE node is not needed, it does not have to exist.

NOTE: Information is passed to Problem List if there is data for any of the positions 5-8 on the "DIAGNOSIS/PROBLEM" node or if there is "NOTE" node. A provider is required to add a new problem to the Problem List.

**Diagnosis data list, specific to one provider, for Problems being treated at this encounter:**

If no Diagnoses, then '\$D(LOCAL("DIAGNOSIS",<PROVIDER IEN>))is true.  
 LOCAL("DIAGNOSIS",<PROVIDER IEN>,i) = 1^2^3^4^5^6^7^8^10, where:

| Position | Description  | Req for<br>PCE &<br>SD | Format                           |
|----------|--|------------------------|----------------------------------|
| 1        | Diagnosis code IEN   | P, S                   | ICD9 DIAGNOSIS File (#80)        |
| 2        | Diagnosis specification code   |                        | P ::= Primary    S ::= Secondary |
| 3        | SC Condition   |                        | [1   0   null]                   |
| 4        | AO Condition   |                        | [1   0   null]                   |
| 5        | IR Condition   |                        | [1   0   null]                   |
| 6        | EC Condition   |                        | [1   0   null]                   |
| 7        | Associated Problem IEN   | P                      | PROBLEM LIST file 9000011        |
| 8        | Physician's term for Diagnosis   |                        | free text, 2-80 Characters       |
| 9        | Physician's term for Category  |                        | free text, 2-80 Characters       |
|          | Header   |                        |                                  |
|          | May have been used as a grouping<br>for a set of related Diagnosis which<br>the provider selected from |                        |                                  |
| 10       | Lexicon IEN  |                        | EXPRESSIONS File (#757.01)       |

**NOTE:** PCE recommends using the DIAGNOSIS/PROBLEM node so that the diagnosis can point to the problem that it relates to.

## Problem data list, specific to one provider

If no Problems, then '\$D(LOCAL("PROBLEM",<PROVIDER IEN>)) is true.

LOCAL("PROBLEM",<PROVIDER IEN>,i) =

1^2^3^4^5^6^7^8^9^10^11^12^13^14 where:

| Position | Description   | Req for PL                        | Format                       |
|----------|---|-----------------------------------|------------------------------|
| 1        | Problem Name;<br>Required for new Problem List, if<br>Pos. 10 is null | R-Add                             | free text                    |
| 2        | Problem Onset Date  |                                   | internal FM format           |
| 3        | Problem Active?<br>Default is ACTIVE if not specified                 |                                   | [1   0   null]               |
| 4        | Problem Date Resolved   |                                   | internal FM format           |
| 5        | SC Condition  |                                   | [1   0   null]               |
| 6        | AO Condition  |                                   | [1   0   null]               |
| 7        | IR Condition  |                                   | [1   0   null]               |
| 8        | EC Condition  |                                   | [1   0   null]               |
| 9        | ICD 9 Code value {optional}   |                                   | ICD DIAGNOSIS File (#80)     |
| 10       | Problem IEN<br>null if new problem                                    | R-Editing<br>Existing<br>Problems | PROBLEM LIST file 9000011    |
| 11       | Physician's term for Problem;<br>null if new problem                  |                                   | free text, 60 Characters Max |
| 12       | Lexicon IEN   |                                   | EXPRESSIONS File (#757.01)   |
| 13       | MST Condition   |                                   | [1   0   null]               |
| 14       | HNC Condition   |                                   | [1   0   null]               |

**NOTE:** The data in this node is passed to Problem List. A Provider is required to add a new problem to the Problem List. When a new problem is added to the Problem List, the problem IEN is not required. If data is passed to edit existing data, the problem IEN must be passed.

**NOTE:** It is better to use the DIAGNOSIS/PROBLEM node so that the diagnosis can point to the problem that it relates to.